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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/981,608	10/16/2001	Thomas E. Tahan	5181-75800	5745

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EXAMINER
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BILGRAMI, ASGHAR H

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 07/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/981,608

Applicant(s)

TAHAN, THOMAS E.

Examiner

Asghar Bilgrami

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 14 April 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 06/26/2003, 01/04/02
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 4 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

3. Claim 4 recites the limitation "The method of claim 1, wherein the initial owner of said object is the creator" in line 1 of claim 4. There is insufficient antecedent basis for this limitation in the claim. Claim 1 does not mention "initial owner of an object".

### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Miller (U.S. 5,265,221) and Belani et al (U.S. 6,772,350)

6. As per claims 1, 7, 10, 18, 26 & 32 Miller disclosed a computer system comprising: wherein said MCN comprises: a processing unit configured to receive a request for access to an object, wherein said processing unit is configured to permit access to said object in response to detecting said request is from a user (col.2, lines 42-67 & col.3, lines 1-22), wherein a user community set (UCS) of said user is a superset of an object community set (OCS) of said object, and wherein said processing unit is configured to permit access to said object in response to detecting said request is from a process, wherein an application process community set (ACS) of said process is a superset of said OCS; and a community information base (col.4, lines 14-54). However Miller did not explicitly disclose a computer network; and a multi-community node (MCN) coupled to said computer network. In the same field of endeavor Belani disclosed a computer network; and a multi-community node (MCN) coupled to said computer network (col.4, lines 34-38).

At the time the invention was made it would have been obvious to one in the ordinary skill in the art to incorporate a connection to computer network as disclosed by Belani to a computer system of Miller in order to make the computer system more versatile and scalable by having multiple clients/users connect to the system from various locations.

7. As per claims 2, 11, 19 & 27 Miller-Belani disclosed the method of claim 1, wherein said object is an operating system controlled resource (Miller, col.1, lines 30-34 & col.2, lines 23-27).

8. As per claims 3, 12, 20 & 28 Miller-Belani disclosed the method of claim 2, wherein said object is selected from the group consisting of a file system, a storage volume, a directory, a file, a record, a memory region, a queue, a pipe, a socket, a port, or an input/output device (col.1, lines 30-34).

9. As per claims 4, 13, 21 & 29 Miller-Belani disclosed the method of claim 1, wherein the initial owner of said object is the creator of said object (Miller, col.5, lines 39-62).

10. As per claims 5, 14, 22 & 30 Miller-Belani disclosed the method of claim 1, further comprising permitting an owner of said object to designate a first user as a new owner of said object, in response to detecting a UCS of said first user is a superset of said OCS (Miller, col.5, lines 39-62).

11. As per claims 6, 15, 23 & 31 Miller-Belani disclosed the method of claim 1, further comprising allowing a first process to change said OCS of said object to a subset of said ACS of said first process, in response to detecting an owner of said first process is an owner of said object and said ACS is a superset of said OCS (Miller, col.5, lines 39-62).

12. As per claims 8, 16, 24 & 33 Miller-Belani disclosed the method of claim 7, wherein said CIB includes a UCS for each user of said MCN, an ACS for application on said MCN, and an OCS for each object residing within said MCN (Miller, col.2, lines 42-67 & col.3, lines 1-22 & col.9, lines 16-26).

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13. As per claims 9, 17, 25 & 34 Miller-Belani disclosed the method of claim 8, wherein said CIB further includes a creator and a current owner for each object residing within said MCN (Miller, col.5, lines 39-62).

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asghar Bilgrami whose telephone number is 571-272-3907. The examiner can normally be reached on M-F, 8:00-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AB



Asghar Bilgrami  
Examiner  
Art Unit 2143



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